



Resolute Forest Products – Catawba Mill

5300 Cureton Ferry Road

Post Office Box 7

Catawba, SC 29704-0007

FED EX NO. 7712 3432 5420

January 22, 2018

Ms. Connie Turner, Manager
Air Toxics Section
SCDHEC Bureau of Air Quality
2600 Bull Street
Columbia SC 29201-1708

Re: MACT II Excess Emissions and Monitoring System Performance Reports
Air Permit No. TV-2440-0005

Dear Ms. Turner:

The purpose of this submittal is to meet the quarterly excess emission reporting requirements applicable to the Resolute Forest Products – Catawba Mill associated with the National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry (40 CFR 63, Subpart MM). The sources covered under Subpart MM are the No. 2 Recovery Boiler, No. 3 Recovery Boiler, No. 2 and No. 3 Smelt Dissolving Tank Vent, and the No. 2 Lime Kiln. This submittal meets the requirements of the Excess Emissions and Continuous Monitoring System (CMS) Performance Report pursuant to Sections 63.867(c) and 63.10(c), respectively.

Excess emissions and CMS downtime for the reporting period were less than 1% and 5% respectively for all systems. Therefore, only the summary reports are attached as allowed in §63.10(e)(3)(vii). For SSM purposes when an emission has occurred, specific information about the type and duration is reported on the enclosed log(s). All SSM events were consistent with the SSM Plan.

Based on information and belief formed after reasonable inquiry, I certify to the best of my knowledge, that the statements and information in this submission are true, accurate, and complete.

If you have any questions or require additional information, please contact Mike Swanson, environmental engineer at (803) 981-8010 or mike.swanson@resoluteftp.com.

Sincerely,

Wayne Griffin
General Manager – Catawba Operations

Enclosures: MACT II Logs

cc: SCDHEC – BAQ, Technical Management Section
Alex Latta, Midlands EA Lancaster
EPA Region 4
Environmental File 232.14

QUARTERLY REPORT SUMMARY

GASEOUS AND OPACITY EXCESS EMISSION AND CONTINUOUS MONITORING SYSTEM PERFORMANCE

Pollutant:	Opacity
Time Period:	Minutes
Reporting Period:	October 1, 2017 through December 31, 2017
Process Unit Description:	No. 2 Recovery Boiler
Company:	Resolute Forest Products – Catawba Mill
Emission Limits:	35%
Monitor Manufacturer(s) and Model Number(s):	Teledyne Monitor Labs / Light Hawk 560 Opacity Monitor
Last CMS Certification or Audit Date:	Certification: October 20, 2006 Audit: September 29, 2017
Total Source Operating Time in Reporting Period:	131,160 minutes

EMISSION DATA SUMMARY

Reason for Excess Emissions	Duration (minutes)	
	Over 35%	Over 20% for 60 minutes
A. Startup/Shutdown	0	0
B. Malfunctions		
Process/Instrument System	0	0
Control Equipment	120	90
Fuel Problems	0	0
Other Known Cause	60	0
Other Unknown Cause	12	0
Total Number of Incidents	7	1
Excess Emissions/Process Operating Time	0.15 %	NA

CMS PERFORMANCE SUMMARY

Reason for Monitor Downtime	Duration (minutes)
Monitor Equipment Malfunctions	2438
Non-Monitor Equipment Malfunctions	0
Quality Assurance	0
Other Known Cause	0
Other Unknown Cause	0
Total Number of Incidents	44
Percent Monitor Downtime	1.86 %

There were no changes in the continuous monitoring systems, processes, or control devices since the last reporting period.

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Wayne Griffin General Manager

Signature: _____

QUARTERLY REPORT SUMMARY

GASEOUS AND OPACITY EXCESS EMISSION AND CONTINUOUS MONITORING SYSTEM PERFORMANCE

Pollutant:	Opacity
Time Period:	Minutes
Reporting Period:	October 1, 2017 through December 31, 2017
Process Unit Description:	No. 3 Recovery Boiler
Company:	Resolute Forest Products – Catawba Mill
Emission Limits:	35%
Monitor Manufacturer(s) and Model Number(s):	Teledyne Monitor Labs / Light Hawk 560 Opacity Monitor
Last CMS Certification or Audit Date:	Certification: July 31, 2010 Audit: September 29, 2017
Total Source Operating Time in Reporting Period:	132,480 Minutes

EMISSION DATA SUMMARY

Reason for Excess Emissions	Duration (minutes)	
	Over 35%	Over 20% for 60 minutes
A. Startup/Shutdown	0	0
B. Malfunctions		
Process/Instrument System	0	0
Control Equipment	0	0
Fuel Problems	0	0
Other Known Cause	126	258
Other Unknown Cause	0	0
Total Number of Incidents	6	2
Excess Emissions/Process Operating Time	0.10 %	NA

CMS PERFORMANCE SUMMARY

Reason for Monitor Downtime	Duration (minutes)
Monitor Equipment Malfunctions	0
Non-Monitor Equipment Malfunctions	0
Quality Assurance	0
Other Known Cause	0
Other Unknown Cause	0
Total Number of Incidents	0
Percent Monitor Downtime	0.00 %

There were no changes in the continuous monitoring systems, processes, or control devices since the last reporting period.

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Wayne Griffin General Manager

Signature: _____

QUARTERLY REPORT SUMMARY

GASEOUS AND OPACITY EXCESS EMISSION AND CONTINUOUS MONITORING SYSTEM PERFORMANCE

Pollutant:	Opacity
Time Period:	Minutes
Reporting Period:	October 1, 2017 through December 31, 2017
Process Unit Description:	No. 2 Lime Kiln
Company:	Resolute Forest Products – Catawba Mill
Emission Limits:	20%
Monitor Manufacturer(s) and Model Number(s):	Monitor Labs USI 550 Opacity Monitor
Last CMS Certification or Audit Date:	Certification: October 27, 2012 Audit: October 2, 2017
Total Source Operating Time in Reporting Period:	129,540 Minutes

EMISSION DATA SUMMARY

Reason for Excess Emissions	Duration (minutes)	
	Over 20%	Over 20% for 60 minutes
A. Startup/Shutdown	12	0
B. Malfunctions		
Process/Instrument System	0	0
Control Equipment	0	0
Fuel Problems	0	0
Other Known Cause	84	78
Other Unknown Cause	6	0
Total Number of Incidents	5	1
Excess Emissions/Process Operating Time	0.08 %	NA

CMS PERFORMANCE SUMMARY

Reason for Monitor Downtime	Duration (minutes)
Monitor Equipment Malfunctions	1663
Non-Monitor Equipment Malfunctions	80
Quality Assurance	30
Other Known Cause	15
Other Unknown Cause	0
Total Number of Incidents	14
Percent Monitor Downtime	1.38 %

There were no changes in the continuous monitoring systems, processes, or control devices since the last reporting period.

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Wayne Griffin General Manager

Signature: _____

QUARTERLY REPORT SUMMARY

GASEOUS AND OPACITY EXCESS EMISSION AND CONTINUOUS MONITORING SYSTEM PERFORMANCE

Pollutant:	Particulate Matter
Time Period:	Hours
Reporting Period:	October 1, 2017 through December 31, 2017
Process Unit Description:	No. 2 and No. 3 Smelt Dissolving Tank Vent
Company:	Resolute Forest Products – Catawba Mill
Emission Limits:	0.2 lbs/ton BLS
Operating Parameters:	Differential Pressure > 1.5 inches of water column Liquid Flow Rate > 65 gpm
Monitor Manufacturer(s) and Model Number(s):	DP – Rosemount 3051CD2A02A1AM5E55 Liquid Flow Rate – Foxboro IMT25PDADB10N-AB
Last CMS Certification or Audit Date:	Certification: August 3, 2004 (both) Audits: 6/22/17 (DP), 6/20/17 (Flow)
Total Source Operating Time in Reporting Period:	2,191 hours

EMISSION DATA SUMMARY

Reason for Excess Emissions	Duration (hrs)
A. Startup/Shutdown	0
B. Malfunctions	
Process System	0
Control Equipment	0
Other Known Cause	0
Other Unknown Cause	0
Total Number of Incidents	0
Excess Emissions / Process Operating Time	0.00 %

CMS PERFORMANCE SUMMARY

Reason for Monitor Downtime	Duration (hrs)
Monitor Equipment Malfunctions	0
Non-Monitor Equipment Malfunctions	0
Quality Assurance	0
Other Known Cause	0
Other Unknown Cause	0
Total Number of Incidents	0
Percent Monitor Downtime	0.00 %

There were no changes in the continuous monitoring systems, processes, or control devices since the last reporting period.

Based on data provided, reasonable inquiry, and the best of my abilities, I certify that the information contained in this report is accurate and complete.

Name/Title: Wayne Griffin General Manager

Signature: _____